OIC to enter DM 10/10/03

DOCKET NO.: CEPH-1066
Application No.: 09/621,897
Office Action Dated: June 6, 2003

PATENT
REPLY FILED UNDER EXPEDITED PROCEDURE PURSUANT TO 37 CFR § 1.116

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Scott, Reaume, and Dorfman

Confirmation No.: **4645**

Application No.: **09/621,897**

Group Art Unit: **1632**

Filing Date: **July 20, 2000**

Examiner: **Nguyen, Dave Trong**

For: **Gene Targeted Non-Human Mammal With Human FAD Presenilin Mutation And Generational Offspring**

EXPRESS MAIL LABEL NO: US 251286585 US
DATE OF DEPOSIT: September 3, 2003

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REPLY PURSUANT TO 37 CFR § 1.116

In response to the Official Action dated **June 6, 2003**, reconsideration is respectfully requested in view of the amendments and/or remarks as indicated below:

☐ **Amendments to the Specification** begin on page of this paper.

☒ **Amendments to the Claims** are reflected in the listing of the claims which begins on page 2 of this paper.

☐ **Amendments to the Drawings** begin on page of this paper and include an attached replacement sheet.

☒ **Remarks/Arguments** begin on page 10 of this paper.

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-38. (Canceled)

39. (Currently Amended) A gene-targeted ~~rodent~~ mouse heterozygous for a human Familial Alzheimer's Disease (FAD) mutation comprising a human mutation of the presenilin-1 (PS-1 gene), and a human transgene for Swedish APP695, wherein the Aß42 protein level is elevated relative to the Aß42 protein level in a wild-type ~~rodent~~ mouse.

40. (Currently Amended) A gene-targeted ~~rodent~~ mouse homozygous for a human Familial Alzheimer's Disease (FAD) mutation comprising a human mutation of the presenilin-1 (PS-1 gene), and a human transgene for Swedish APP695, wherein the Aβ42 protein level is elevated relative to the Aβ42 protein level in a wild-type ~~rodent~~ mouse.

41. (Currently Amended) The ~~rodent~~ mouse of claim 39 wherein said mutation of said PS-1 gene is P264L.

42. (Currently Amended) The ~~rodent~~ mouse of claim 40 wherein said mutation of said PS-1 gene is P264L.

43-46. (Canceled)

47. (Currently Amended) Generational offspring of the ~~rodent~~ mouse of claim 39 wherein said mutant PS-1 gene is expressed.

48. (Currently Amended) Generational offspring of the ~~rodent~~ mouse of claim 40 wherein said mutant PS-1 gene is expressed.

49. (Currently Amended) A method for screening chemical compounds for the ability to decrease *in vivo* levels of the Aβ peptide, said method comprising the steps of:

a) administering said chemical compound to the ~~rodent~~ mouse of claim 39; and